The Bose® 151® SE Environmental Speakers

Owner's Guide

Brugervejledning

Bedienungsanleitung

Guía del usuario

Notice d'utilisation

Manuale d'istruzioni

Gebruiksaanwijzing

Bruksanvisningen

English

Before you begin

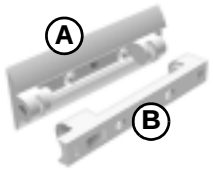
Thank you for purchasing Bose 151® *SE* speakers. Their advanced design and quality construction are intended to provide long-term listening enjoyment in or outside your home. Your 151 *SE* speakers are engineered to provide quality Stereo Everywhere® speaker performance from a simple, elegant weatherproof design.

Unpacking

Carefully unpack your speakers and save all packing materials for future use. If you discover that the product was damaged in transit, notify Bose Corporation or your authorized Bose dealer immediately. Verify that the carton contains the parts shown in Figure 1.

Figure 1

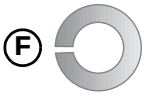
Carton contents



Mounting bracket (2)

151® *SE* speakers

Bracket locking screw (2)



¼ inch lock washer (4)

#8 lock washer (2)

#12 x 1¾ inch wood screw (4)

¼ inch x 9/16 inch bracket-to-speaker mounting screw (4)

#12 x 1 inch wall anchor (4) (for concrete mounting only)

WARNING: *To avoid danger of suffocation, keep the plastic bags out of the reach of children.*

For your records

Serial numbers are located on the back of each speaker. Write the numbers here and on the product registration card.

Serial numbers: _____ and _____

Dealer name: _____

Dealer phone: _____Purchase date: _____

Please read this owner's guide

Please read this owner's guide completely before beginning this installation. Failure to follow the instructions in this owner's guide voids all warranties on your speakers. If you are unsure of your ability to complete this installation, consult a professional installer.

CE

Hereby Bose B.V. declares that this equipment is compliant with the essential requirements of the EMC Directive 89/336/EEC. This equipment is intended for use (amongst others) in all EC/EFTA countries. The complete declaration of conformity can be found on <http://www.bose.com/guides>.

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Required tools and materials

- #2 Phillips-head screwdriver
- Power drill
- Eye and ear protection
- Dust mask
- 3/32 inch (2,5 mm) wood bit, or ¼ inch (6,0 mm) masonry bit
- Speaker cord: Measure length and choose wire gauge:

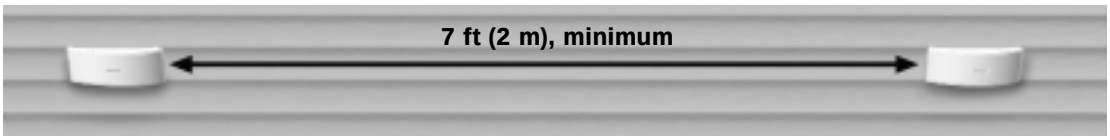
Length	Gauge
20 ft (6 m), max.	18 (0.82 mm²)
30 ft (9 m), max.	16 (1.30 mm²)
50 ft (15 m), max.	14 (2.10 mm²)

Speaker placement

- For best results, mount both speakers horizontally (Figure 2).
- Place them a minimum of seven feet apart, facing the listening area.
- Make sure they do not face each other.

Figure 2

Speakers mounted on a wall



Note: *For Stereo Everywhere® speaker performance, horizontal mounting is required.*

Note: *Your 151® SE speakers can be mounted vertically. However, when mounted vertically you will not experience Stereo Everywhere® speaker performance.*

Note: *If you choose to place the speakers on a flat horizontal surface, put a layer of suitable material (such as rubber) under the speaker to prevent speaker movement or damage to the flat surface due to vibration of the speaker.*

CAUTION: *Do not mount the brackets on surfaces that are not sturdy enough, or that have hazards concealed behind them, such as electrical wire or plumbing. If you are unsure about installing the bracket, contact a qualified professional installer.*

CAUTION: *Do not install near any heat sources, such as halogen lamps, registers, stoves or other apparatus (including amplifiers) that produce heat.*

CAUTION: *Do not hang items from the brackets or speakers. Do not place items on top of the speakers. The brackets were designed to support the weight of the speakers only.*

CAUTION: *The 151 SE speakers are not intended to be installed in automobiles.*

Before mounting your speakers

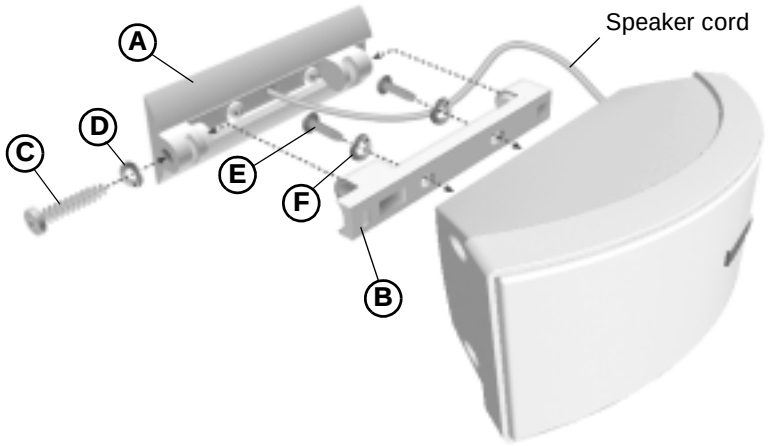
- Check local building codes regarding the installation of outdoor speakers. If you are uncomfortable about installing this product, contact your Bose dealer to arrange for a qualified serviceman to help you.
- Measure the length of speaker cord needed to connect each speaker to your amplifier. See “Required tools and materials” for recommended wire lengths and sizes.
- Determine the best route to protect the wire.
- Make sure the speakers cannot fall and cause injuries.
- Keep the speakers at least 9 inches (23 cm) from any video screen or monitor. Bose 151 *SE* speakers are not magnetically shielded.

Mounting procedure

1. Remove screw **C** and lock washer **D** from the mounting bracket assembly, and remove part **B** from part **A** (Figure 3).

Figure 3

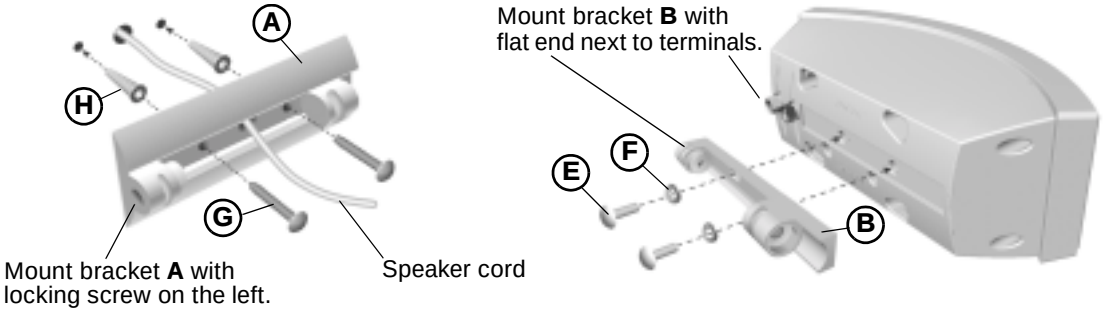
Exploded view of speaker and mounting bracket



2. Hold bracket part **A** in position against the wall and mark the left and right round holes for the mounting hardware (Figure 4). If you plan to feed speaker cord through the wall, mark the oval speaker cord feed-through hole also.

Figure 4

Mounting the brackets



3. Drill holes using the appropriate drill bits for the wall material. Refer to “Required tools and materials” on page 3.

Note: *If you plan to feed the speaker cord through the bracket, feed the cord through the wall before mounting the bracket.*

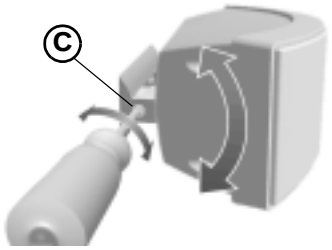
4. Mount bracket part **A** to the wall using the appropriate hardware for wood (**G**) or concrete (**H** and **G**). Make sure the hole for the bracket locking screw is on your left (Figure 4).

5. Mount bracket part **B** to the rear of the speaker using two machine screws **E** and two lock washers **F** (Figure 4).

6. Secure the speaker with bracket part **B** to bracket part **A** using bracket locking screw **C** and lock washer **D** (Figure 3). To adjust the angle, loosen screw **C** slightly (Figure 5), move the speaker up or down, and retighten screw **C**.

Figure 5

Adjusting speaker angle



Note: *Your 151® SE speakers can be mounted vertically. However, when mounted vertically you will not experience Stereo Everywhere® speaker performance.*

Note: *For vertical mounting, mount bracket part* **A** *so that the hole for bracket locking screw* **C** *is at the lower end of the bracket. When mounted vertically, you can rotate the logo to be read horizontally. Gently pull out on the logo, rotate it into position and release.*

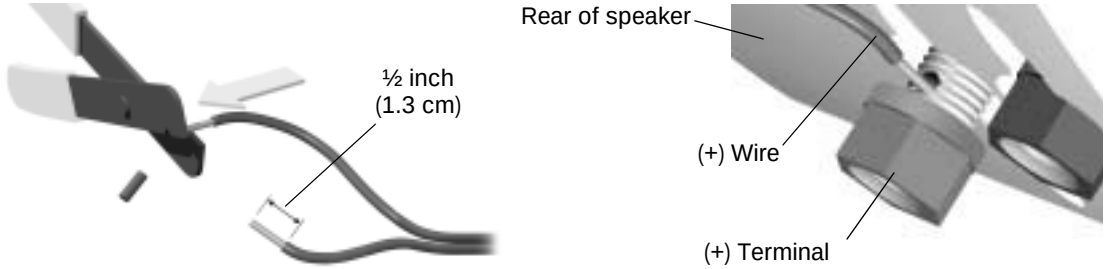
Connecting your speakers to your receiver/amplifier

Speaker cord consists of two insulated wires. The wire marked with a stripe or rib is used for the positive (+) red terminal connection. The plain wire is used for the negative (–) black terminal connection. Strip approximately ½ inch (1.3 cm) of insulation from the ends of both wires (Figure 6). Then, twist the ends of each wire so there are no loose strands.

CAUTION: *Before making any connections, turn off your receiver/amplifier and unplug it from the AC power outlet.*

Figure 6

Speaker wiring



1. At the back of your speaker (Figure 6), unscrew the hex knobs on the terminal posts until you can see the small hole going through each post.
2. Insert the marked (+) wire into the red (+) terminal. Insert the plain (–) wire into the black (–) terminal. Tighten the knobs to secure the wires.
3. Check the speaker connections carefully. Make sure no loose strands of wire touch across terminals creating a short circuit that can damage an amplifier or receiver.

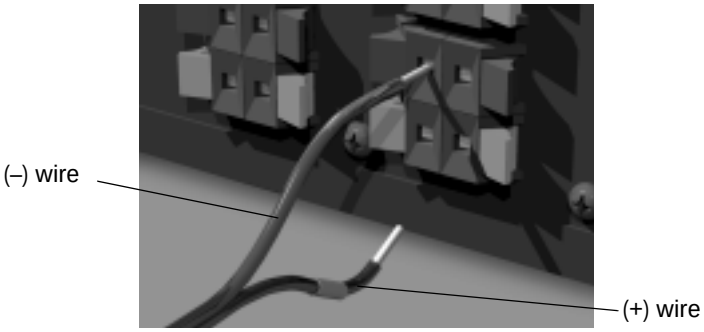
Note: *After making the connections, any bare lengths of speaker wire can be affected by exposure to the outdoor environment. To protect the speaker wires, apply a thin coating of silicone caulking material, such as RTV adhesive, to any bare sections of speaker wire.*

4. Connect the speaker on the left side of the listening area to the left amplifier channel (Figure 7). Attach the marked wire to the red (+) terminal. Attach the plain wire to the black (–) terminal.
5. Connect the speaker on the right side of the listening area to the right amplifier channel. Attach the marked wire to the red (+) terminal. Attach the plain wire to the black (–) terminal.

♪ ***Note:*** *If your speakers are being connected to your receiver or amplifier as a secondary set of speakers, be sure to make the appropriate connections to the "B" channel.*

Figure 7

Example of amplifier rear panel connections



Testing the connections

Set the balance control on your receiver or amplifier to normal (centered) and play some deep bass passages of music through the speakers. Verify that the sound seems to come from a point between the two speakers, and that the bass is full and natural. If not, check your connections again; they may be reversed, causing the speakers to play out of phase. Make sure all the wires are connected positive to positive (+ to +) and negative to negative (– to –).

Troubleshooting

Problem	***What to do***
Neither speaker plays	**1.** Check the settings on your receiver/amplifier. Refer to its owner's guide for instructions. **2.** If your speakers are connected to the "B" output, check that the "B" output is selected.
Bass or treble is weak	Check the tonal balance setting on your receiver or amplifier.
Only one speaker plays	**1.** Make sure the balance control is centered on your receiver/amplifier. **2.** Check the wires connected to the speaker that does not play. Make sure the wires are in good condition and are firmly connected.
One speaker still does not play	**1.** Disconnect the working speaker from the receiver or amplifier. **2.** Switch the cord of the faulty speaker from its original receiver or amplifier jacks to the other set of jacks (the working speaker was originally attached to those jacks). If the speaker now works, the problem is your receiver or amplifier. Reconnect the speakers to a working unit. If the speaker still does not work, continue. **3.** Remove the cord from the working speaker and connect it to the faulty speaker. If the speaker now works, the original speaker cord is bad. If the speaker still does not work, the speaker is bad. **4.** If trouble persists, contact your authorized Bose dealer, who will arrange for service. Or, contact Bose Customer Service. Refer to the list of phone numbers and addresses included in the carton.

Cleaning your speakers

Use a cloth dampened in mild detergent and water to remove dust or dirt from the outside of your 151® *SE* speakers. Or, use a hose to rinse them thoroughly with fresh water. Do not use enough pressure to force water behind the grille and into the driver or the acoustic port.

Customer service

If you need help with your new product, contact Bose Customer Service. Refer to the list of phone numbers and addresses included in the carton.

Limited warranty

Bose 151 *SE* environmental speakers are covered by a limited five-year transferable warranty. Details of coverage are on the product registration card that came with your speakers.

Technical information

Driver complement

Three (3) 2½ inch full-range environmental drivers per speaker

Dimensions

4½ in H x 6 in D x 12½ in W (11.4 cm x 15.2 cm x 31.8 cm)

Compatibility

- Compatible with amplifiers or receivers rated 10 to 100 watts per channel at 4 to 8 ohms
- 50W IEC continuous power handling at 6 ohms

Environmental capabilities

- Salt fog, sun, high humidity (100% relative humidity)
- Temperature extremes: -40°F to 158°F (-40°C to 70°C)

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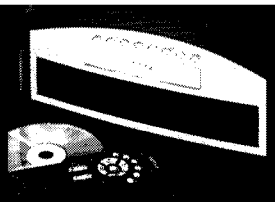

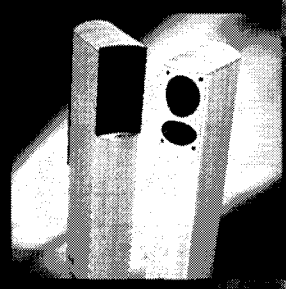
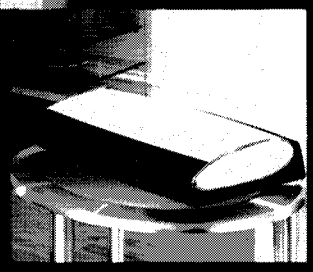

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AND SOUND

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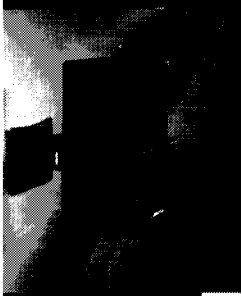

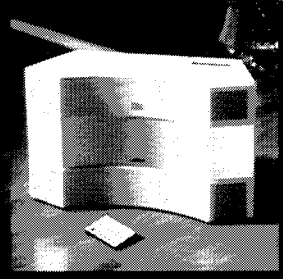
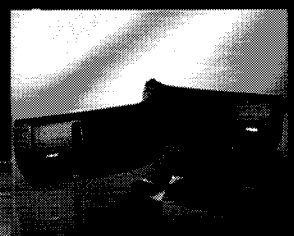

BOSE®

Whether it's an exciting new movie or a favorite old song, we believe that when you hear it with Bose® sound, you'll hear a difference. A welcome difference, because what you're hearing is the result of years of research – research that we use to create new products and improve our existing ones – like the one you now own. It's a big part of what makes us the most respected name in sound.

We hope you enjoy your Bose product and we invite you to discover more about Bose. Until then, enjoy the experience.

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Outside the US and Canada call 1-508-766-1099

TO CONTACT BOSE CORPORATION IN YOUR COUNTRY, PLEASE SEE YOUR OWNER'S MATERIALS.

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Quotes: *Design News*, 3/95; *Elle Décor*, 11/90; *Inside HiFi*, 6/97. 255808 AM Rev. 00 JN10465 PC025576

BOSE

OUR COMMITMENT TO YOU

We take great pride in designing each of our products with the goal of providing the highest accuracy musical performance possible in the price range of that product. We strive to reproduce the musical sounds as closely as possible to those of the original performance. And we strive to avoid flashy sounds such as those associated with accentuated bass and/or treble frequencies. While those sounds may be initially attractive to the novice, they are not real and are not enduring. In addition, we use only the highest quality parts and the latest assembly and quality control techniques to ensure the reliability and long life of our products.

Our reputation rests on our steadfast pursuit of this policy in sound systems for the home, the automobile, and businesses.

At Bose® we reinvest 100% of our earnings back into the company. This enables us to support research that continually gives rise to new technologies for improving sound reproduction.

When you purchase any product from Bose, we encourage you to compare it, as we do, to competitive products for musical accuracy. We believe that this process will enhance your appreciation of the product you select.

With best wishes from all of us at Bose for many years of enjoyable listening.

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Bose® Product Registration And Warranty Information

Please complete and return immediately

Register online at:
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1 First Name: Initial: 318 C

Last Name:

Address: (number and street)

Apt #:

City: State/Province:

Zip Code/Postal Code: Country:

2 Phone Number:

3 Email Address:

☐ Check here if you would like to hear from Bose® by email.

4 Date of Purchase: (month/day/year)

5 Please indicate Bose product(s) purchased:

1. ☐ Wave® radio
2. ☐ Wave® radio/CD
3. ☐ Wave/PC™ interactive system ***NEW***
4. ☐ Acoustic Wave® music system
5. ☐ 141® speakers
6. ☐ 151® speakers
7. ☐ 161™ speakers ***NEW***
8. ☐ 201® speakers
9. ☐ 251™ speakers
10. ☐ 301® speakers
11. ☐ 601™ speakers ***NEW***
12. ☐ 701® speakers ***NEW***
13. ☐ 901® speakers
14. ☐ Acoustimass® 3 speakers
15. ☐ Acoustimass 5 speakers
16. ☐ Acoustimass 6 speakers
17. ☐ Acoustimass 10 speakers
18. ☐ Acoustimass 15 speakers
19. ☐ 3•2•1 entertainment system ***NEW***
20. ☐ Lifestyle® 5 music system
21. ☐ Lifestyle® 12 theater system
22. ☐ Lifestyle® 20 music system
23. ☐ Lifestyle® 28 entertainment system ***NEW***
24. ☐ Lifestyle® 35 entertainment system ***NEW***
25. ☐ Lifestyle® 50 theater system
26. ☐ Lifestyle® powered speakers
27. ☐ VCS-10® center speaker
28. ☐ Headset X
29. ☐ QuietComfort™ headset ***NEW***
30. ☐ Other, please specify

6 Please indicate the serial number(s) of this product.
(Found on the ID label attached to your product or consult your owner's manual for the location.)
Serial number(s):

7 Where was product purchased:

1. ☐ Bose® 1-800 number
2. ☐ Bose Web site
3. ☐ Bose store
4. ☐ Retail store
   Name:
   City: State:
5. ☐ Catalog
6. ☐ Other Web site
7. ☐ Other

8a Do you own any other Bose products? 1. ☐ Yes 2. ☐ No

8b Which ones?

1. ☐ Lifestyle® system
2. ☐ Wave® radio/Acoustic Wave® system
3. ☐ Automobile sound system
4. ☐ Acoustimass® speakers
5. ☐ Headset
6. ☐ Other Bose speakers
7. ☐ Other

9 Date of your birth: (month/day/year)

10 Including yourself, what is the total number of people living in your household?
(Example: 01, 02, 03, 04...)

11 Date of birth (month/year) of the other adults and children in your household:

Male Female
1. ☐ 2. ☐ Month Year
1. ☐ 2. ☐ Month Year

Male Female
1. ☐ 2. ☐ Month Year
1. ☐ 2. ☐ Month Year

12 Your gender: 1. ☐ Male 2. ☐ Female

13 Your marital status: 1. ☐ Married 2. ☐ Single

14 For your primary residence, do you: 1. ☐ Own 2. ☐ Rent

15a Please let us know how you are enjoying your new Bose® products.
We value your comments:

15b ☐ If your comments were selected for use in radio (Paul Harvey or some other radio personality) or television broadcast, print advertising, or other media, please check here if you permit these comments to be used with reference to your name.

CONTINUED ON OTHER SIDE

16 Which best describes your family income?

1. ☐ Under $15,000
2. ☐ $15,000-$24,999
3. ☐ $25,000-$34,999
4. ☐ $35,000-$49,999
5. ☐ $50,000-$74,999
6. ☐ $75,000-$99,999
7. ☐ $100,000-$124,999
8. ☐ $125,000-$149,999
9. ☐ $150,000-$174,999
10. ☐ $175,000-$199,999
11. ☐ $200,000-$249,999
12. ☐ $250,000 or over

17 Education: (Please check which category applies to you)

1. ☐ Some high school
2. ☐ Completed high school
3. ☐ College degree
4. ☐ Graduate degree

18 In the last six (6) months has anyone in your household purchased any of the following items through the mail and/or over the Internet?

	A. Mail	B. Internet
1. Books/magazines	☐	☐
2. Children's products	☐	☐
3. Clothes	☐	☐
4. Insurance/financial products	☐	☐
5. Music/Video/DVD	☐	☐
6. Travel	☐	☐
7. Other	☐	☐

19a ☐ Some Bose® systems contain software which is critical for their operation. We may offer software upgrades in the future to enhance your system functionality. Please check here if you do not want to be contacted regarding software upgrades.

19b ☐ Check here if you do not want to hear about other Bose products.

19c ☐ Check here if you do not wish to receive information from other reputable companies that offer new and exciting products and services.

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DO NOT STAPLE.

Limited Warranty
Bose® Product

Please Keep This Warranty Information Card With Your Owner's Guide.

What is covered:
All parts defective in material and workmanship. This limited warranty does not cover a defect that has resulted from improper or unreasonable use or maintenance, accident, excess moisture, improper packing, lightning, power surges, or unauthorized tampering, alteration or modification.

Limitation on Liability:
THE PROVISIONS OF THIS LIMITED WARRANTY ARE IN LIEU OF ANY OTHER WRITTEN WARRANTY, WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Notwithstanding the above, where applicable, if you qualify as a "consumer" under the Magnuson-Moss Warranty Act, then you may be entitled to any implied warranties allowed by law for the period of the express warranty as set forth below. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

For how long:
The Bose Limited Warranty lasts one year from the purchase date for electronic products, systems, and powered speaker components, and five years for speaker components that are not self-powered (amplified). Integrated, stereo, and home theater systems have a one year Limited Warranty. Additionally, the 131® marine speakers have a three year Limited Warranty. Powered component speakers have a one year Limited Warranty term for the electronics and five years for the speakers. The Headset X has a two year Limited Warranty, excluding the ear cushions, which have a 6 month Limited Warranty. The QuietComfort™ headset has a 1 year Limited Warranty. Please see your Owner's Guide for details. For the Limited Warranty on professional products, please refer to your Owner's Guide for details.

What we will do:
We will, at our sole option, repair or replace any defective parts within a reasonable period of time and free of charge.

What we will not do:
Pay shipping or transportation charges from you to us.

What you must do to obtain Warranty Service:
1. Return product with proof of purchase from an authorized Bose dealer to a Bose Service Agency, or
2. Return product with proof of purchase from an authorized Bose dealer directly to Bose Corporation. If you elect to return the product directly to Bose Corporation, the following procedures must be followed.
   a) Contact Bose Corporation for specific return and shipping instructions, which will include but may not be limited to;
   b) Properly packing the product in the original carton for shipping. If you need a new carton, contact Bose Corporation for a new carton available at a nominal charge;

Warranty information continued on other side

BOSE®

LIMITED WARRANTY

Continued from other side

c) Labeling and shipping, freight prepaid, to Bose® Corporation, Product and Technical Support, The Mountain, Framingham, MA 01701-9168 or the one provided by Bose Corporation. You may also write to this address to obtain information about this limited warranty.
d) Placing any necessary return authorization number prominently on the outside of the carton. (Cartons not bearing a return authorization number where required will be refused.)

Exclusive Remedy:
This limited warranty is fully transferable provided that the current owner furnishes the original proof of purchase from an authorized Bose dealer. THE MAXIMUM LIABILITY OF BOSE SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE PRODUCT. IN NO EVENT SHALL BOSE BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES. Some places do not allow limitations on the exclusion or limitation of relief, special, incidental, consequential or indirect damages, or the limitation of liability to specified amounts, so the above limitations or exclusions may not apply to you.

Other conditions:
This limited warranty gives you specific legal rights, and you may also have other rights which vary from country to country or state to state. This limited warranty is void if the label bearing the serial number has been removed or defaced.

■ ■ ■ ■

Bose Corporation thanks you for your recent Bose product purchase. We know it will give you years of satisfaction.

For your benefit, we recommend that you record your serial number(s), found on the product(s), and other purchase information on this card and keep it with your personal records along with proof of purchase. If necessary, this information will allow us to better serve your needs.

Model Name or Number: _____

Serial Number(s): _____

_____

Date Purchased: _____

Dealer's Name: _____

Dealer's Address: _____

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_____

Please refer to your Owner's Guide for the list of Warranty Service Centers.

Please send any correspondence regarding product information or warranty services to:

Bose Corporation, The Mountain, Framingham, MA 01701-9168
(508) 879-7330 or toll-free (800) 444-BOSE

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